

Fig. 1. Select Peptide Compounds Sequence Table

CPMD No.	N TER	C TER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	SEQ ID No.				
1	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Q	N	F	V	N	W	L	L	A	Q	K												2			
2	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Q	N	F	V	N	W	L	L	A	Q	K													3		
3	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Q	N	F	V	N	W	L	L	A	Q	K													4		
4	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	H	Q	Km	N	F	V	N	W	L	L	A	Q	K													5		
5	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	H	Q	Km	N	F	V	N	W	L	L	A	Q	K													6		
6			Y	G	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Aib	N	F	V	N	W	L	L	A	Q	K													7		
7			Y	S	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Aib	N	F	V	N	W	L	L	A	Q	K													8		
8	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	Km	Q	Aib	N	F	V	N	W	L	L	A	Q	K													9		
9	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	H	Q	Aib	Km	F	V	N	W	L	L	A	Q	K													10		
10	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	H	Q	Aib	N	F	V	N	W	L	L	A	Q	K														11	
11	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	I	H	Q	Aib	N	F	V	N	W	L	L	A	Q	K														12	
12	Me		Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	K														13	
13	Me	OH	Y	Aib	E	G	T	L	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	OH													14	
14	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	R	NH2													15	
15	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	R	OH													16	
16	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	S	OH														17
17	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	P	S	NH2	18				
18	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	P	S	NH2	19				
19	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	P	S	NH2	20				
20	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	P	S	NH2	21				
21	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	P	S	NH2	22				
22	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	K	NH2													23	
23	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	K	NH2													24	
24	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	K	NH2													25	
25	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	K	NH2													26	
26	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	K	OH													27	

	CMPD No.	N TER	C. TER	I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	SEQ ID No.
56	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	57		
57	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	58		
58	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	59		
59	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	60		
60	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	61		
61	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	62		
62	Me	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	63		
63	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	64		
64	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	65		
65	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	66		
66	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	67		
67	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	68		
68	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	69		
69	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	H	Q	Aib	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	70		
70	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	Km	P	S	S	G	A	P	P	S	NH2	71		
71	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	72		
72	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	73		
73	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	74		
74	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	75		
75	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	76		
76	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	77		
77	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	78		
78	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	79		
79	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	80		
80	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	81		
81	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	82		
82	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	83		
83	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	84		
84	Me	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	H	Q	Aib	N	F	V	N	W	L	L	A	Km	S	NH2									85		

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CPMD No.	N. TER	C. TER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	SSQ ID No.				
85	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	NH2														
86	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	NH2														
87	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Km	R	P	S	S	G	A	P	P	S	NH2	88					
88	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Km	R	P	S	S	G	A	P	P	S	NH2	89					
89	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Km	NH2															
90	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	Km	NH2														
91	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	Km	NH2														
92	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	93					
93	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	94					
94	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	95					
95	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	96					
96	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	G	G	G	S	NH2										
97	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	G	G	S	NH2										
98	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Km	S	P	S	S	G	A	P	P	S	NH2	99					
99	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	100					
100	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	Km	P	S	S	G	A	P	P	S	NH2	101					
101	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	Km	P	S	S	G	A	P	P	S	NH2	102					
102	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	103					
103	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	104					
104	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	105					
105	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	106					
106	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	107					
107	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Km	S	P	S	S	G	A	P	P	S	NH2	108					
108	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	NH2														
109	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Km	R	P	S	S	G	A	P	P	S	NH2	110					
110	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	G	G	S	NH2										
111	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	112					
112	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	NH2														
113	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	NH2														
114	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	NH2														

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CPMD No.	N. TER	C.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	SEQ ID No.				
114	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	L	L	A	Q	R	G	G	G	S	NH2						115		
115	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	A	Q	R	NH2									116		
116	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	117		
117	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	L	L	L	A	Q	R	NH2									118		
118	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Aib	Km	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	NH2									119	
119	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	N	F	V	N	W	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	120		
120	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	121	
121	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	L	L	L	L	A	Q	R	NH2									122	
122	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Km	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	123		
123	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	Km	P	S	S	G	A	P	P	S	NH2	124	
124	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	K	K	K	K	K	NH2	125	
125	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	126	
126	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	127	
127	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	128	
128	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	129	
129	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	130	
130	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	A	Q	Aib	Km	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	131	
131	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	132	
132	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	133	
133	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Aib	Km	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	S	G	G	G	S	NH2					134	
134	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	L	A	Q	R	G	G	S	NH2					135	
135	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Km	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	A	Q	R	G	G	S	NH2						136	
136	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	L	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	L	A	Q	Km	G	G	S	NH2						137
137	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	138	
138	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	139
139	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	N	F	V	N	W	L	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	140
140	Mc	NH2	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	141	
141	Mc	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	S	G	OH								142	
142	Mc	OH	Y	Aib	E	G	T	F	I	S	D	Y	S	I	Aib	Km	D	R	Aib	A	Q	Aib	D	F	V	N	W	L	L	L	L	L	L	A	Q	R	G	OH								143	

CPMD No.	N TER	C TER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	ID No.	SEQ
143	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH										144
144	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	145		
145	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Km	A	Q	Alb	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	146		
146	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	147		
147	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	148		
148	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH								149		
149	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	G	OH								150		
150	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	151		
151	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	152		
152	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	G	OH	153		
153	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	S	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	NH2	154		
154	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	S	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	155		
155	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	156		
156	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	157		
157	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	G	OH		158		
158	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	OH		159			
159	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	G	OH						160		
160	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	G	OH								161		
161	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	S	G	OH								162		
162	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	OH								163		
163	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	S	G	OH									164	
164	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	165		
165	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	P	S	S	G	A	P	P	S	OH	166		
166	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	167		
167	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	NH2	168		
168	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	G	OH									169	
169	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	OH									170	
170	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	S	G	OH									171	
171	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	R	G	OH									172	

CPMD No.	N TER	C TER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	ISO No.		
172	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	G	OH									173		
173	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	OH									174		
174	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	G	OH									175		
175	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH									176		
176	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	R	G	OH									177		
177	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	S	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH									178		
178	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	S	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH									179		
179	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	S	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH									180		
180	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH									181		
181	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K(Ac)	G	OH									182		
182	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	G	OH									183	
183	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	G	OH									184	
184	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	S	P	G	OH									185	
185	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	Km	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	G	OH									186	
186	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	S	P	G	OH									187	
187	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	188			
188		OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH									189		
189		OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	S	P	S	S	G	A	P	P	S	OH	190			
190	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	H	Q	Alb	N	F	V	N	W	Km	L	A	Q	R	NH2										191		
191		NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Y	L	D	K	Q	A	A	Alb	E	F	V	N	W	L	L	A	G	P	S	S	G	A	P	P	S	Km	192				
192			Y	G	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Q	N	F	V	N	W	L	L	A	Q	K											193		
193			Y	G	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Q	N	F	V	N	W	L	L	A	Q	K												194	
194			Y	G	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Q	N	F	V	N	W	L	L	A	Q	K												195	
195			Y	G	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	H	Q	Q	N	F	V	N	W	L	L	A	Q	K												196	
196	Me		Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	I	A	Q	Alb	N	F	V	N	W	L	L	A	Q	K												197	
197	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	Km	D	R	Alb	A	Q	Alb	N	F	V	N	W	L	L	A	Q	K												198	
198	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K												199	
199	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	Km	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH										200	
200	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	Km	Q	Alb	N	F	V	N	W	L	L	A	Q	R	G	OH										NH2	201

CPMD No.	N- TER	C- TER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	SEQ ID No.		
201	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
202	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	H	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
203	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	G	OH											
204	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
205	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	NH2											
206	Me	OH	Y	G	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
207	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	G	OH											
208	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	Alb	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	G	OH											
209	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	P	S	S	G	A	P	P	S	NH2	210			
210	Me	NH2	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	NH2												
211	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	R	G	OH											
212	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
213	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
214	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
215	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
216	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
217	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
218	Me	OH	Y	A	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
219	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
220	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	N	W	L	L	A	Q	K	G	OH											
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222	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Km	A	Q	Alb	D	F	V	N	W	L	L	A	Q	K	G	OH											
223	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Km	K	G	OH											
224	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	D	F	V	N	W	L	L	A	Q	Km	G	OH											
225	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Alb	Km	F	V	E	W	L	L	A	Q	K	G	OH											
226	Me	OH	Y	Alb	E	G	T	F	I	S	D	Y	S	I	A	L	D	R	Alb	A	Q	Km	D	F	V	N	W	L	L	A	Q	K	G	OH											

N-TER means N-terminus; C-TER means C-terminus; ClSDA means C₁₅ diacid; Cl6DA means C₁₆ diacid

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[Fig. 2]

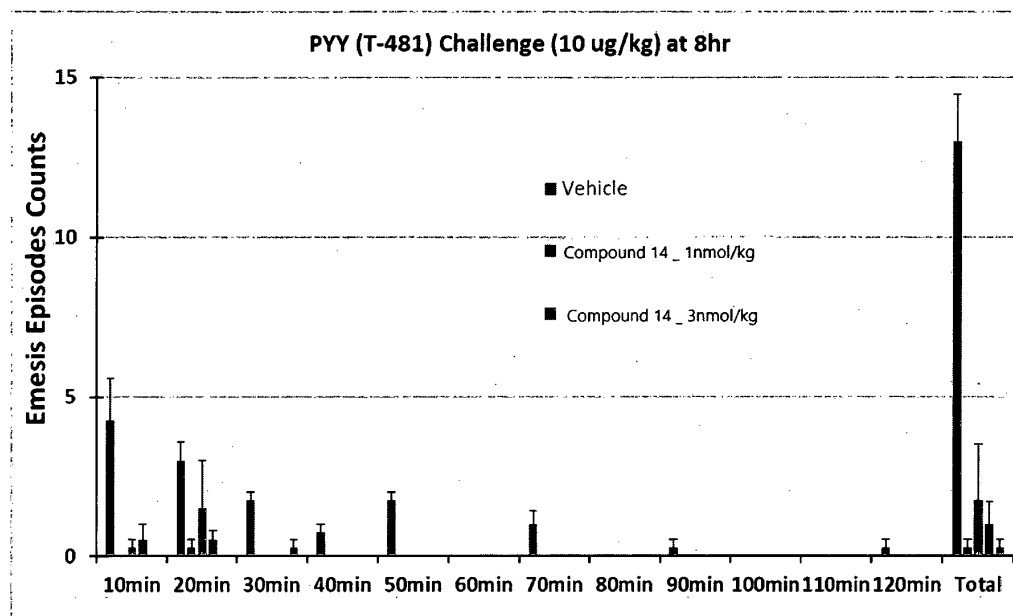
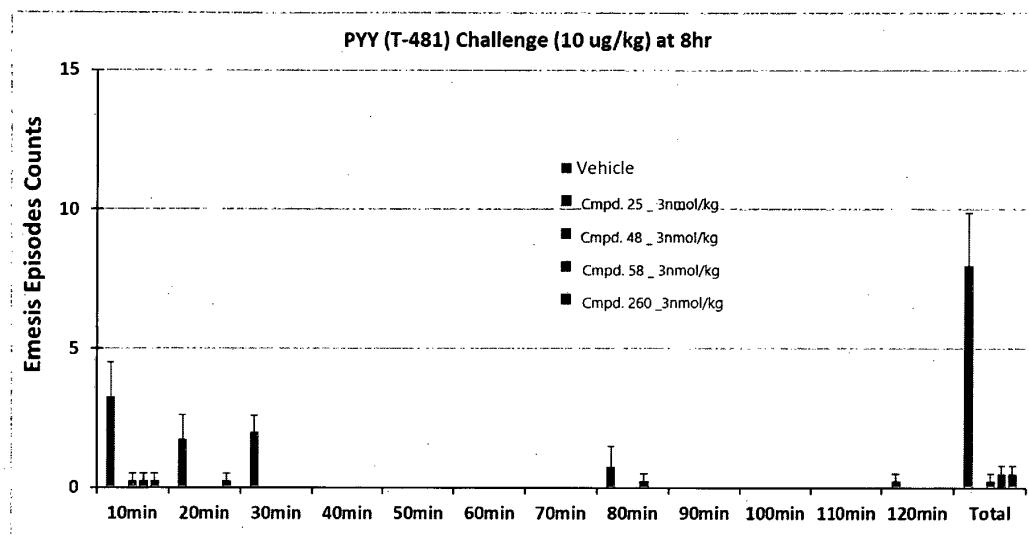


Fig. 2. Effect of Compound 14 on PYY (T-481, 10 μ g/kg, s.c.) induced vomiting in dogs

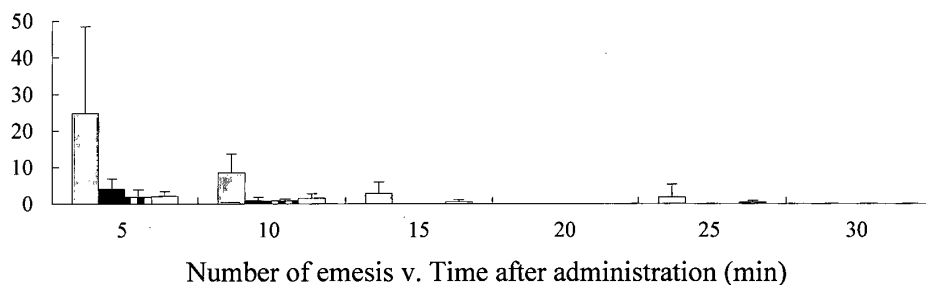
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[Fig. 3]

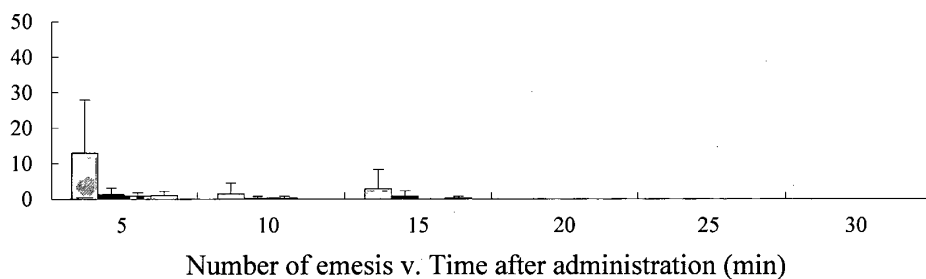
**Fig. 3.** Effect of select compounds on PYY (T-481) induced vomiting in dogs

[Fig. 4A]

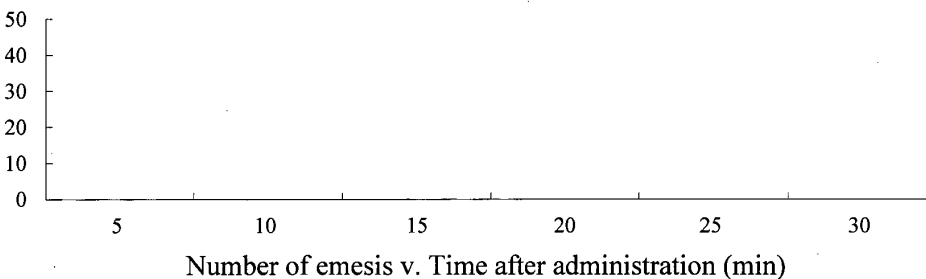
Number of emesis after morphine was administered 4 h after drug administration

**Fig. 4A.** Compound 25 (0.1 nmol/kg, s.c.)

[Fig. 4B]

**Fig. 4B.** Compound 25 (0.3 nmol/kg, s.c.)

[Fig. 4C]

**Fig. 4C.** Compound 25 (1 nmol/kg, s.c.)**Figs. 4A-4C.** Effect of Compound 25 on morphine (0.6 mg/kg, s.c.)-induced emesis in ferrets

a: 0.09 w/v% Polysorbate 80/10 % DMSO/PBS 0.5 mL/kg, s.c.

Each value represents the mean $\pm$ S.D. (n=4)

	: Retching		: Vomiting
	: Licking		: Fidget

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[Fig. 5A]

Number of emesis after morphine was administered 4 h after drug administration

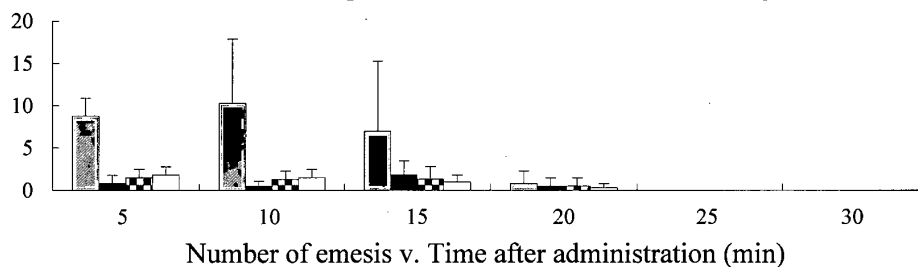


Fig. 5A. Compound 14 (1 nmol/kg, s.c.)

[Fig. 5B]

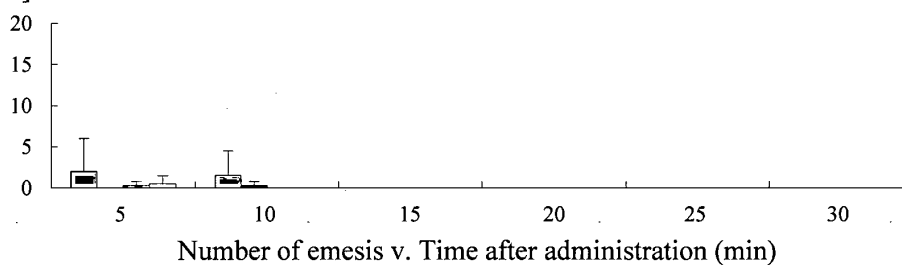


Fig. 5B. Compound 14 (3 nmol/kg, s.c.)

[Fig. 5C]

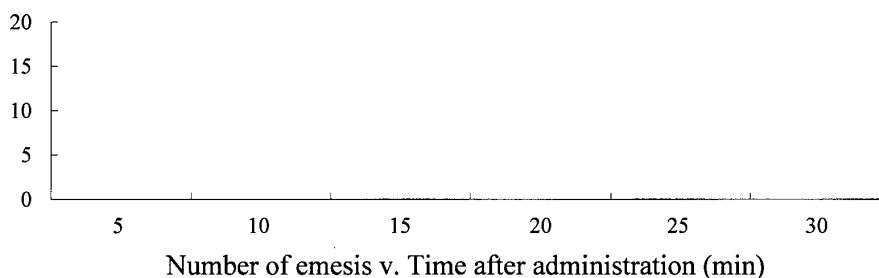


Fig. 5C. Compound 14 (10 nmol/kg, s.c.)

Figs. 5A-5C. Effect of Compound 14 on morphine (0.6 mg/kg, s.c.)-induced emesis in ferrets

a: 0.09 w/v% Polysorbate 80/10 % DMSO/PBS 0.5 mL/kg, s.c.

Each value represents the mean $\pm$ S.D. (n=4)

	: Retching		: Vomiting
	: Licking		: Fidget